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no. 44

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TECHNICAL NOTES
of the
ALASKA FOREST RESEARCH CENTER
U. S. DEPARTMENT OF AGRICULTURE, FOREST SERVICE

JUNEAU, ALASKA

No. 44

1958 Cone Crop Report for Alaska Tree Species

Annual cone crop ratings for Coastal Alaska were started in 1956. Cone crop ratings are made according to the following system devised by the Oregon State Board of Forestry:

- None - 1. No cones on any trees.
- 2. Few cones on occasional trees.
- V. light - 3. Few cones on 25 percent of the trees.
- 4. Few cones on 25 percent of the trees--many cones on occasional trees.
- Light - 5. Few cones on 75 percent of the trees.
- 6. Many cones on some trees--few cones on 75 percent of the trees.
- Medium - 7. Some cones on all trees.
- 8. Many cones on some trees--some cones on all trees.
- Heavy - 9. Many cones on 75 percent of the trees--some cones on all trees.
- 10. Many cones on all trees.

Ratings by Ranger Districts for Southeast Alaska for the 1958 cone crops are summarized in table 1. Ranger district boundaries are shown in fig. 1.

Table 1.--Cone crop ratings for 1958

Species	Chat-ham	Sitka	Peters-burg	Kasaan	Ketch-ikan	Southeast Alaska	
						Rating	No. observ.
Sitka spruce	8	8	5	5	4	6	35
Western hemlock	5	4	4	2	1	3	28
Western redcedar	--	--	--	5	--	--	9
Alaska cedar	--	--	5	--	--	--	1
Lodgepole pine	--	--	3	--	--	--	1

Sitka spruce cone crop ratings varied considerably from place to place within Ranger Districts, while western hemlock ratings were fairly consistent. Most of the Sitka spruce reports indicated a "light" to "medium" crop. Seven areas reported "none", four reported "very light", and eight reported "heavy".

Western hemlock was rated "none" to "very light" over most of the region. Four areas reported "light", and one area reported "medium".

The western redcedar crop was observed only on the Kasaan District, where it averaged "light".

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Cone crops of white spruce and mountain hemlock were not rated in 1958. A rating was made in one locality for Alaska-cedar and in one for lodgepole pine. A single report from Yakutat, part of the Chatham District but geographically removed, showed a "heavy" cone crop for Sitka spruce.

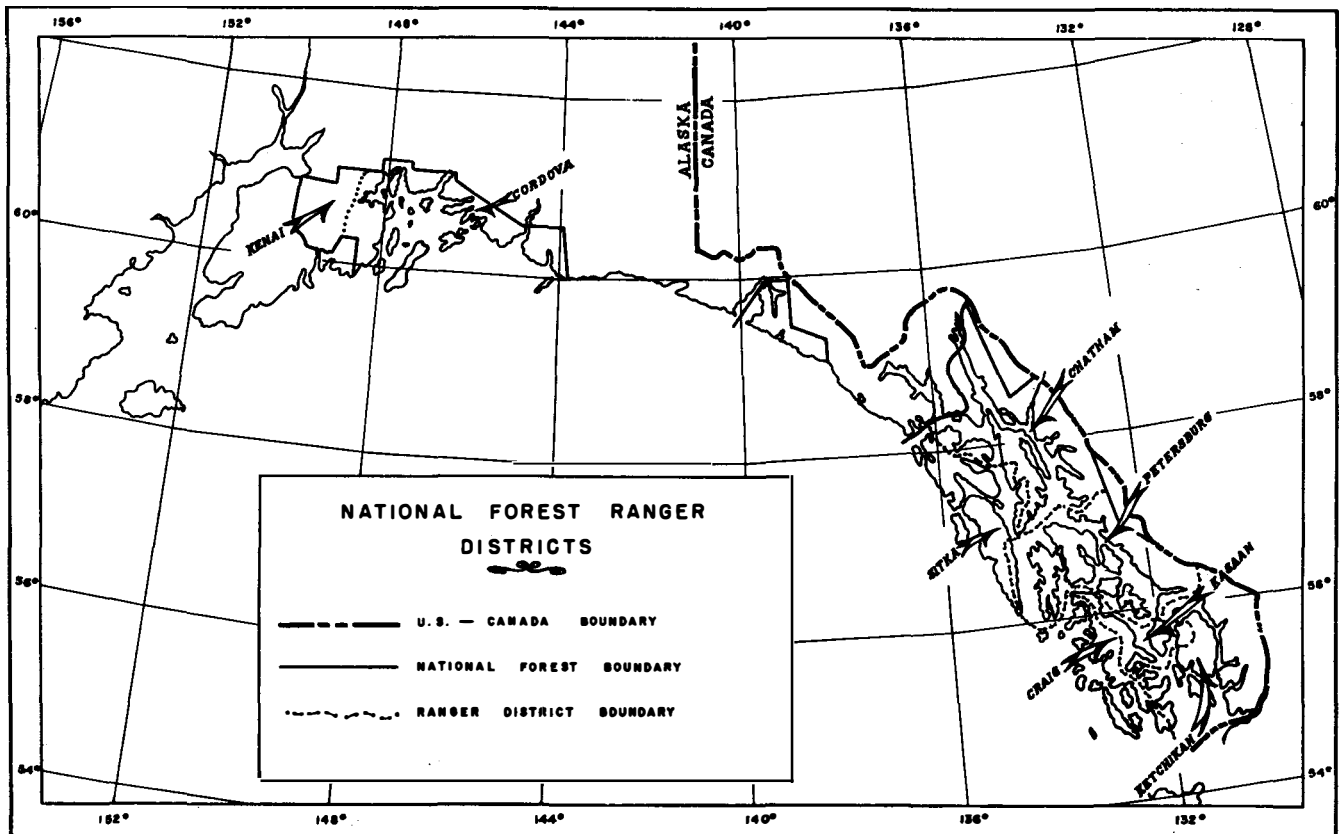


Figure 1.--Ranger districts in coastal Alaska.

October 1959

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